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ADDRESS TO:

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR § 1.53(b))

Certificate of Mailing by Express Mail:

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	namber.
Attorney Docket No.	0094.03
First Inventor	Gerard R. Lazo et al.
Title	Computer Display Tool for Visualizing Relationships Between and Among Data
Express Mail Label No.	ER 316838696 US

Mail Stop Patent Application

APPLICATION ELEMENTS **Commissioner for Patents** See MPEP chapter 600 concerning utility patent application contents. P.O. Box 1450 Alexandria, VA 22313-1450 Fee Transmittal Form (e.g. PTO/SB/17) CD-ROM or CD-R in duplicate, large table or (Submit an original and duplicate for fee processing) Computer Program Appendix 8. Nucleotide and/or Amino Acid Sequence Submission Applicant Claims Small Entity Status (if applicable, all necessary) See 37 CFR 1.27 Computer Readable Form (CRF) Specification Sequence Listing on: 3. [X] Specification Total Pages: 28 i. [] CD-ROM or CD-R (2 copies); or (preferred arrangement set forth below) ii. [] Paper Descriptive title of the invention Statements verifying identity of above copies Cross Reference to Related Applications Statement Regarding Fed sponsored R & D **ACCOMPANYING APPLICATION PARTS** Reference to sequence listing, a table, or a computer program listing appendix Background of the invention 9. 🔀 Assignment Papers (cover sheet & document(s)) Brief Summary of the invention 37 CFR 3.73(b) Statement [X] Power of 10. Brief Description of the Drawings (if filed) (when there is an assignee) Attorney Detailed Description 11. English Translation Document (if applicable) Claim(s)

5. [X] Oath or Declaration Total Sheets: 1 Newly executed (original or copy) Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed) i. [] DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s)

Drawing(s) (35 U.S.C. 113) Total Sheets: 9

Abstract of the Disclosure

4. [X]

1.63(d)(2) and 1.33(b). 6. [X] Application Data Sheet. See 37 CFR 1.76 (2 Pages)

named in the prior application, see 37 CFR

12. [] Information Disclosure [] Copies of IDS Statement (IDS)/PTO-1449 Citations 13. Preliminary Amendment 14. [X] Return Receipt Postcard (MPEP 503) , (Should be specifically itemized) Certified Copy of Priority Document(s) 15. [] (if foreign priority is claimed) 16. [X] Nonpublication Request Under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. [X] Other: Petition to Submit Color Drawings and Transmittal of Formal Drawings

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

[] Continuation [] Divisional Prior application information: Examiner:

[] Continuation-in-part(CIP) Art Unit:

of prior application no .:

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

[X] CUSTOMER NUMBER:

25278

Name (Print/Type)	David R. Nichoslom	Registration No. (Attorney/Agent)	38,981	
Signature	Dadk Tucket	Jen	Date	December 12, 2003

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will very depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing the burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. Send to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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	Complete if Known			
FEE TRANSMITTAL	Application Number			
	Filing Date			
FY04	First Named Inventor	Gerard R. Lazo et al.		
	Examiner Name			
Effective 10/01/2003. Patent fees are subject to annual revision.	Art Unit			
Total Amount of Payment \$ 1256.00	Attorney Docket No.	0094.03		
METHOD OF PAYMENT		CULATION		
	3. ADDITIONAL FEES			
The Commissioner is hereby authorized to charge any fees set forth in	Large Entity:			
CFR §§ 1.116 to 1.118 to the Deposit Account listed below for the entire pendency of the application, or credit any overpayment to this	Code Fee (\$) Fee Description 1051 130 Surcharge-Late filing			
account. A duplicate copy of this sheet is enclosed:	1051 130 Surcharge-Late filir 1052 50 Surcharge-late prov			
Deposit Account No. 50-2135	cover sheet	isional fitting fee of		
Deposit Account Name: USDA, ARS, OTT	1053 130 Non-English Specif	ication		
Patent Advisor	1812 2,520 For filing a request	for ex parte		
	reexamination .			
FEE CALCULATION	1804 920* Requesting publicate to Examiner action	tion of SIR prior		
1. BASIC FILING FEE	1805 1,840* Requesting publicate	tion of SIR after		
Large Entity:	Examiner action	non or six area		
Code Fee (\$) Fee Description Fee Paid	1251 110 Extension for reply	within first month		
1001 770 Utility Filing Fee 770.00		within second month		
1002 340 Design Filing Fee	1253 950 Extension for reply			
1003 530 Plant Filing Fee 1004 770 Reissue Filing Fee	1254 1,480 Extension for reply 1255 2,010 Extension for reply	within fourth month		
1004 770 Reissue Filing Fee 1005 160 Provisional Filing Fee	1401 330 Notice of Appeal	within man month		
1005 100 1 1001 1 ming 1 CC	1402 330 Filing a brief in sup	port of an appeal		
Subtotal (1) \$ 770.00	1403 290 Request for oral hea	aring		
``		a public use proceeding		
•	1452 110 Petition to revive –			
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1453 1,330 Petition to revive – 1501 1,330 Utility issue fee (or			
Extra Fee Fee Claims Paid	1502 480 Design issue fee	reissue)		
Total Claims 28 -20^{**} = 8 X 18.00 = 144.00	1503 640 Plant issue fee			
	1460 130 Petitions to the Con			
Independent	1807 50 Processing fee under 1806 180 Submission of Information			
Claims 5 $-3**=$ 2 X $86.00 = 172.00$	Statement	mation Disclosure		
Multiple Dependent =	8021 40 Recording each pate	ent assignment per 40.00		
Transpie Dependent	property (times nun	nber of properties)		
Large Entity:		after final rejection		
Code Fee (\$) Fee Description	(37 CFR 1.129(a)) 1810 770 For each additional	invention to be		
1202 18 Claims in excess of 20	examined (37 CFR			
1201 86 Independent claims in excess of 3 1203 290 Multiple dependent claim, if not paid	1801 770 Request for Continu			
1204 86 **Reissue independent claims	(RCE)			
over original patent	1802 900 Request for expedit	ed examination		
1205 18 ** Reissue claims in excess of 20	of a design applicat	ion _		
and over original patent	Other fee (specify):			
Subtotal (2) \$ 316.00	* Reduced by basic filing fee paid			
Subtotal (2) \$ 316.00	, , , , , , , , , , , , , , , , , , , ,			
		Subtotal (3) 170.00		
	ITED BY			
		Telephone: 510-559-5731 or		
(Attorney/Agent) 510-559-6067				
Signature: Date: December 12, 2003				

Warning: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing the burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. Send to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450

Depositor's Name:

David R. Nicholson

Depositor's Signature:

Appl. No.

New Utility ApplicationGerard R. Lazo et al.

Applicant Title

Computer Display Tool for Visualizing

Relationships Between and Among Data

TC/A.U. Examiner

Not yet Assigned

:

Not yet Assigned

Docket No.

0094.03

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

PETITION TO SUBMIT COLOR DRAWINGS and TRANSMITTAL OF FORMAL DRAWINGS

Sir:

Applicants hereby petition the Commissioner pursuant to 37 CFR 1.84(a)(2) in order to submit color drawings. Color drawings are necessary in this case because the invention is, in part, a graphical display which uses color to help the user see relationships between and among various data.

Accordingly, applicants submit herewith Formal Figures 1-8 (9 pages). Enclosed are Formal Figures 1-6 which are submitted with three (3) sets in color and one (1) set in black and white. Formal Figures 7-8 are submitted in black and white only.

Applicants also submit the fee (\$130.00) required Under 37 CFR 1.17(h) for the filing of this petition.

12/16/2003 FFANAEIA 00000090 502135 10734366

04 FC:1460

130.00 DA

Docket No. 0094.03 Gerard R. Lazo et al. 1

Fee Authorization

The Commissioner is hereby authorized to charge the required fee of \$130.00 for the filing of this petition to Deposit Account No. 50-2135. The Commissioner is also authorized to charge Deposit Account No. 50-2135 for any additional fees necessitated by the filing of these documents. A duplicate copy of the FY04 Fee Transmittal is also enclosed.

If there are any questions or comments the undersigned attorney earnestly requests a telephone conference.

Respectfully submitted,

David R. Nicholson Attorney of Record

Registration No. 38,981

Telephone: 510-559-5731 or 510-559-6067

Enclosures:

Formal Figures 1-6, 3 sets of color, 1 set of black and white drawings

Formal Figures 7-8, 1 set of black and white drawings

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

NONPUBLICATION REQUEST UNDER 35 U.S.C. 122(b)(2)(B)(i)

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		ation unless it displays a valid OMB control number.	
First Named		Gerard R. Lazo et al.	
Inventor			
Title Co		emputer Display Tool For	
		sualizing Relationships	
	Between and Among Data		
		·	
Docket Number		0094.03	
Express Mail No	٠.	ER 316868696 US	
Date		December 12, 2003	

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122 (b).

December 12, 2003

Date

Signature

510-559-5731 or 510-559-6067

Telephone Number

David R. NicholsonTyped or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant must notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).

This collection of information is required by 37 CFR 1.213(a). The information is required to obtain or retain benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 6 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450

Depositor's Name: David R. Nicholson

Depositor's Signature

Appl. No.

: New Utility Application

Applicant

Gerard R. Lazo et al.

Title

Computer Display Tool for Visualizing

Relationships Between and Among Data

TC/A.U.

Not yet Assigned

Examiner

Not yet Assigned

Docket No.

0094.03

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

TRANSMITTAL OF COMPUTER PROGRAM LISTING APPENDIX COMPACT DISCS (CD-R) COPIES 1 AND 2

Sir:

I hereby state that the Computer Program Listing Appendix recorded on the Compact Discs Copy 1 and 2 are identical and are filed herewith in accordance with 37 CFR 1.52(e). The Machine format for each compact disc is IBM-PC, the operating system is Unix, The File names, file size and file creation dates are as follows:

./CCV/src/	0	
./CCV/src/README_CCV.txt	5416	11/24/2003 09:24
./CCV/src/CViewer.java	640741	11/21/2003 13:49
./CCV/src/servletApp.jar	14315	11/21/2003 17:54
./CCV/src/CViewer.html	162	11/21/2003 17:36
./CCV/src/EstsOfLibrary.java	777	11/21/2003 13:48

Docket No. 0094.03 Gerard R. Lazo et al. 1

./CCV/src/DataClient.java	14377	11/21/2003 15:42
./CCV/src/Data.java	4449	11/21/2003 13:49
./CCV/src/sampledata/	0	
./CCV/src/sampledata/README	309	11/24/2003 09:13
$./CCV/src/sampledata/W_Contig_List.txt$	101970	11/24/2003 09:18
./CCV/src/sampledata/W_libinfo.txt	2159	11/21/2003 19:13
./CCV/src/sampledata/W_lib_list.txt	458	11/24/2003 09:19
./CCV/src/sampledata/W_EST_Contig_Lib.	txt 1591304	11/24/2003 09:17

Respectfully Submitted,

David R. Nicholson Attorney of Record

Registration No. 38,981

Telephone: (510) 559-5731 or (510) 559-6067

Enclosures:

CD-R's (Copy 1 and Copy 2) of Computer Program Listing Appendix